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Vendor: HP

Code: HPE7-A08

Exam: HPE Network Switching Professional Exam

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QUESTIONS & ANSWERS

DEMO VERSION

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DEMO VERSION
(LIMITED CONTENT)

Version: 4.0

Question: 1

Refer to the partial exhibit from an HPE Aruba Networking CX 8325:

```
show interface 1/1/44

Interface 1/1/44 is down (Administratively down)
Admin state is down
State information: No XCVR installed
Link state: down for 1 month (since Tue May 21 17:40:23 UTC 2024)
Link transitions: 0
Description:
Persona:
Hardware: Ethernet, MAC Address: bc:d7:a5:6d:5a:00
MTU 1500
Type --
Full-duplex
qos trust none
Speed 0 Mb/s
Auto-negotiation is off
Flow-control: off
Error-control: off
L3 Counters: Rx Disabled, Tx Disabled
Rate collection interval: 300 seconds
```

A new port 1/1/44 needs to be configured to connect to a 29301, which has the following configuration:

```
interface 24
  tagged vlan 1,20,24,30,40,50,55,60
  untagged vlan 10
  exit
```

Which configuration would be used?

A.

```
interface 1/1/44
  no shutdown
  no routing
  vlan trunk native 10
  vlan trunk allowed 1,10,20,24,30,40,50,55,60
  exit
```

B.

```
interface 1/1/44
  enable
  no routing
  vlan trunk native 10
  vlan trunk allowed 1,20,24,30,40,50,55,60
  exit
```

C.

```
interface 1/1/44
  enable
  vlan trunk native 10
  vlan trunk allowed 1,10,20,24,30,40,50,55,60
  exit
```

D.

```
interface 1/1/44
  no shutdown
  vlan trunk native 10
  vlan trunk allowed 1,20,24,30,40,50,55,60
  exit
```

A. Option A

B. Option B

C. Option C

D. Option D

Answer: A

Explanation:

Question: 2

OSPF peering is configured between HPE Aruba Networking CX 6300 switches utilizing BFD. You've made this configuration on switch B, while switch A is in the default configuration:

```
bfd min-receive-interval 2000
bfd min-transmit-interval 2000
bfd min-echo-receive-interval 2000
bfd detect-multiplier 3
```

Which BFD Tx/Rx interval values will switch A use for the show bfd session?

- A. Switch A show BFD sessions using 500ms
- B. Switch A show BFD sessions using 6000ms
- C. Switch A show BFD sessions using 2000ms
- D. Switch A show BFD sessions using 300ms

Answer: C

Explanation:

Question: 3

You have applied the following OSPF configuration but are seeing the output from the command below. What is the reason for this?

Agg-1 Config

```
vrf orange
router ospf 1 vrf orange
area 0

interface loopback 10
vrf attach orange
ip address 10.3.10.2/32
ip ospf 1 area 0

interface vlan101
ip address 10.3.101.2/24
ip ospf 1 area 0
```

Agg-2 Config

```
vrf orange
router ospf 2 vrf orange
area 0

interface vlan101
vrf attach orange
ip address 10.3.101.3/24
ip ospf 2 area 0
```

```
Agg-1# show ip ospf neighbors all-vrfs
No OSPF neighbors found on any VRF.
```

- A. A loopback interface hasn't been configured on Agg-2
- B. OSPF interfaces are missing by default

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- C. A different OSPF process ID is used on each switch
- D. A Layer-3 interface has not been associated with a VRF

Answer: D

Explanation:

Question: 4

You need to run a packet capture on a CX switch and be able to view the full output on a remote device in real-time. What is the best way to do this?

- A. Configure a mirror session using ERSPAN to a computer running Wireshark
- B. Inspect the summary of the packets in real time on the switch using tcpdump
- C. Configure a mirror session with another port on the switch as the destination
- D. Configure a mirror session to the CPU, use tshark to capture it to a PCAP file

Answer: A

Explanation:

Question: 5

When configuring a multicast solution on HPE Aruba Networking CX switches, what needs to be configured on the access switch to enable efficient traffic flow?

- A. PIM on VLAN
- B. IGMP-snooping on VLAN
- C. IGMP on VLAN
- D. IGMP-snooping on SVI

Answer: B

Explanation:



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